



Control Number: 49068



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February 5th, 2019

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Public Utility Commission of Texas
1701 N. Congress Avenue
Austin, TX 78711

RE: TNMP 2018 SERVICE QUALITY REPORT, Docket No. 49068

Enclosed for filing, please find an updated version of TNMP's Service Quality Report for the 2018 reporting year in accordance with Substantive Rule §25.52. The version filed on February 1, 2019 had issues with sorting and printing, and therefore should be disregarded.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stacy R. Whitehurst", is written over a horizontal line. The signature is stylized with large loops and a long horizontal stroke extending to the right.

Stacy R. Whitehurst
Vice President, Regulatory Affairs

Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2018 Reporting Year

Texas-New Mexico Power Company

Project 49068

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2018	72.767	3.621	2.757	5.227	6.063	10.480	3.657	9.082	5.920	7.641	6.991	6.302	5.026
Scheduled													
2018	0.569	0.119	0.011	0.013	0.066	0.209	0.044	0.005	0.044	0.010	0.001	0.002	0.044
Outside Causes													
2018	0.929	0.000	0.018	0.000	0.000	0.043	0.000	0.038	0.703	0.125	0.000	0.001	0.000
Major Events													
2018	7.443	0.000	5.527	0.000	0.000	0.000	1.916	0.000	0.000	0.000	0.000	0.000	0.000

Texas-New Mexico Power Company

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2018	0.6783	0.0338	0.0305	0.0481	0.0603	0.0914	0.0413	0.0831	0.0662	0.0723	0.0681	0.0430	0.0402
Scheduled													
2018	0.0097	0.0021	0.0002	0.0001	0.0011	0.0046	0.0004	0.0001	0.0006	0.0002	0.0000	0.0000	0.0003
Outside Causes													
2018	0.0049	0.0000	0.0001	0.0000	0.0000	0.0005	0.0000	0.0005	0.0033	0.0004	0.0000	0.0000	0.0000
Major Events													
2018	0.0285	0.0000	0.0231	0.0000	0.0000	0.0000	0.0054	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

298

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
1	54	Pyote Substation	25P312	183	1,652.071
2	65	California Substation	12K87	58	1,155.328
3	23	Reeves County #4 Substation	13P37	231	824.195
4	1	Winkler County #6 Substation	25K11	42	713.024
5	86	Lone Star Substation	25P171	61	711.180
6	82	Lone Star Substation	25P174	36	493.028
7	164	Clifton #1 22KV Substation	22480	136	447.662
8	152	La Marque Substation	1205	991	406.605
9	89	Northside Substation	1293	605	390.974
10	154	Coryell County Substation	22160	74	386.135
11	230	Kermit #2 Substation	12K98	308	375.698
12	101	Emory Substation (ONCOR)	1201	932	375.030
13	64	Tejas Substation	1217	146	365.692
14	61	Friendswood Substation	1108	1760	360.245
15	161	South Bend Substation	1300	154	349.760
16	139	Sweeny Substation	1129	694	341.337
17	249	Valley Mills Substation	22575	677	335.449
18	165	Kermit #2 Substation	12K48	597	334.724
19	88	Alvin Substation	1230	2079	317.655
20	39	Whitney Substation	22455	672	314.198
21	30	Pecos Main Substation	12P03	549	299.381
22	79	Whitney Substation	22450	518	288.571
23	120	Red River Substation	2262	72	287.097
24	4	California Substation	12K86	31	284.161
25	16	Worsham Field Substation	13P98	73	263.932
26	29	Cochise Substation	25P47	51	258.510
27	78	Hamilton County Substation	2345	225	255.169
28	46	Thurber Substation	1490	782	253.260
29	99	Pecos Main Substation	12P366	323	250.180

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
30	40	Alvin Substation	1117	1178	231.682
31	131	Kermit #1 Substation	4K05	181	229.144
32	256	Old Ocean Substation	1260	58	216.621
33	128	Graham Substation	12605	128	209.852
34	15	IH-20 Substation	12P563	212	205.245
35	184	Bryson Substation	1230	422	204.171
36	136	Lakepointe Substation	2508	468	198.071
37	52	West Columbia Local Substation	1234	1127	194.938
38	63	League City Main Substation	1284	3002	194.739
39	149	Angleton Substation	1155	1159	194.452
40	146	Friendswood Substation	1251	1804	192.340
41	94	Sweeny Substation	1128	1428	187.145
42	41	Alvin Substation	1257	2013	181.956
43	143	Leonard Substation	12678	517	176.385
44	216	Lake Whitney Substation	12355	873	163.867
45	69	Tejas Substation	1215	1324	162.915
46	192	West Substation	1223	2393	162.060
47	49	Alvin Substation	1259	751	161.394
48	200	Leonard Substation	14631	461	159.521
49	70	Dickinson Substation	1272	1418	151.898
50	162	Freeway Park Substation	1299	789	151.522
51	7	Dickinson Substation	1279	2874	150.676
52	177	Seminole Substation	1402	1508	150.247
53	32	La Marque Substation	1202	986	148.813
54	103	Blossom Substation	2203	1389	146.874
55	206	Walnut Springs Substation	25925	47	144.979
56	60	Alvin Substation	1115	2167	143.461
57	76	Stafford Substation	13P50	344	137.270
58	5	IH-20 Substation	12P566	50	136.960
59	58	Coryell County Substation	22365	1016	135.488
60	262	Seminole Substation	1403	1124	133.424
61	18	Reeves County #4 Substation	12P28	135	132.726
62	181	Wickett Substation	12K449	216	130.662
63	240	Coryell County Substation	22155	860	129.334

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
64	147	Brazoria Substation	1270	949	128.481
65	217	Old Ocean Substation	1262	455	123.716
66	92	Krugerville Substation	2604	2329	121.425
67	53	Texas Instruments Substation	1033	2283	121.066
68	268	West Columbia Local Substation	1237	788	120.652
69	239	Seminole Substation	1404	1881	120.264
70	226	Valley Mills Substation	22570	459	119.861
71	106	La Marque Substation	1201	866	116.428
72	56	Freeway Park Substation	1101	1583	114.910
73	117	West Columbia Local Substation	1235	716	106.239
74	142	Deport Substation (ONCOR)	22164	572	105.079
75	20	Nocona Substation	13374	633	104.749
76	196	Meridian Substation	23210	828	104.391
77	95	South Shore Substation	1192	1734	103.613
78	123	Brazoria Substation	1291	634	101.765
79	259	Clifton #2 Substation	24370	224	97.683
80	141	Freeway Park Substation	1103	1295	97.477
81	135	Glen Rose Substation	22305	303	96.479
82	51	Flat Top Substation	26P01	175	96.389
83	140	Walnut Springs Substation	2210	449	90.425
84	205	Heights Substation	1224	1551	89.167
85	42	Lakepointe Substation	2540	563	88.538
86	10	Sycamore Substation	24105	150	85.197
87	71	Dickinson Substation	1274	2311	84.740
88	180	Freeway Park Substation	1102	1592	83.359
89	132	Flat Top Substation	26P03	82	80.720
90	238	Glen Rose Substation	23875	889	80.431
91	250	Sweeny Substation	1263	522	79.291
92	220	Leonard Substation	14635	509	77.615
93	208	Climax Substation	22110	1083	76.790
94	17	Olney Substation	1695	569	76.190
95	288	Sycamore Substation	24100	30	76.000
96	21	Northside Substation	1294	1032	75.348
97	188	Longneck Substation	23126	1324	75.051

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
98		Climax Substation	2234	12	74.167
99	203	Saint Jo Substation	15761	217	73.756
100	246	Bryson Substation	1233	182	70.527
101	197	Angleton Substation	1243	305	69.875
102	258	Nocona Substation	13610	716	69.080
103	81	West Columbia Local Substation	1233	1035	65.949
104	167	Angleton Substation	1154	1870	64.314
105	271	Texas Instruments Substation	1012	1421	63.491
106	24	Angleton Substation	1244	1249	62.959
107	72	Walnut Springs Substation	2200	396	62.679
108	19	Cochise Substation	12P638	56	61.429
109	91	Dickinson Substation	1266	620	61.339
110	168	Angleton Substation	1241	1575	58.887
111	214	Hill County Substation	22125	480	58.365
112	290	Clifton #2 Substation	4160	496	58.145
113	34	Nocona Substation	12486	154	57.584
114	84	Northside Substation	1295	2246	56.909
115	160	Thurber Substation	1447	613	56.375
116	108	Friendswood Substation	1109	1489	55.904
117	138	Heights Substation	1132	2178	55.326
118	83	Red River Substation	2229	360	53.108
119	244	Tejas Substation	1214	546	52.800
120	28	Wickett Substation	12K446	36	52.389
121	93	Nocona Substation	13370	700	51.571
122	25	South Substation	1103	1647	51.527
123	35	Magnolia Substation	1145	402	51.211
124	48	Olney Substation	1685	452	50.624
125	27	La Marque Substation	1204	1588	49.992
126	253	Valley Mills Substation	22565	436	49.599
127	45	Sweeny Substation	1264	1336	49.588
128	31	Old Ocean Substation	1261	185	49.168
129	12	Angleton Substation	1240	2506	47.596
130	186	Krugerville Substation	2608	2143	47.374
131	157	Dickinson Substation	1277	1507	47.278

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
132	137	League City Main Substation	1283	2252	47.137
133	182	Graham Substation	1245	140	46.136
134	254	Hico City Substation	390	266	45.910
135	235	League City Main Substation	1010	1023	45.559
136	260	Handley Substation	22820	68	45.221
137	198	Freeway Park Substation	1298	2109	45.141
138	175	Glen Rose Substation	22300	1173	43.875
139	114	Hill County Substation	23340	604	42.475
140	195	Hamilton County Substation	2340	143	42.350
141	33	League City Main Substation	1011	195	41.892
142	59	Glen Rose Substation	22285	408	41.243
143	169	Magnolia Substation	1148	2242	41.210
144	190	Blue Ridge Substation	22700	509	40.680
145	191	La Marque Substation	1110	332	39.467
146	85	Cochise Substation	12P637	42	39.071
147	113	Northside Substation	1292	714	37.452
148	202	Angleton Substation	1242	528	36.602
149	189	League City Main Substation	1282	2045	35.572
150	107	Keystone Substation	12K437	723	33.795
151	109	Tolar Substation	25860	568	32.812
152	207	Pecos Main Substation	12P01	227	32.683
153	130	Brazoria Substation	1271	1695	32.318
154	104	Alvin Substation	1116	1903	31.640
155	185	Northside Substation	1228	1418	31.259
156	199	Friendswood Substation	1252	1706	30.897
157	112	Alvin Substation	1231	2033	30.020
158	133	Alvin Substation	1232	1232	29.238
159	126	Heights Substation	1134	877	27.969
160	116	Blossom Substation	2207	120	27.742
161	14	Airport Substation	12F271	110	27.618
162	151	West Substation	1235	1603	26.960
163	231	Angleton Substation	1245	901	26.435
164	285	League City Main Substation	1281	650	26.369
165	43	Glen Rose Substation	22295	797	25.955

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
166	225	Jones Street Substation	1431	922	25.566
167	67	Dickinson Substation	1267	2011	25.473
168	97	Red River Substation	2252	1138	24.408
169	125	Magnolia Substation	1149	1591	24.316
170	13	Keystone Substation	12K434	47	23.383
171	9	W.D. Faulkner Substation	12P259	133	22.857
172	100	Jones Street Substation	1433	1039	22.543
173	121	South Shore Substation	1195	1204	22.238
174	224	Hamilton City Substation	22785	366	21.869
175	178	Whitewright Substation	12575	728	21.650
176	50	Friendswood Substation	1253	865	21.343
177	194	Stafford Substation	12P82	319	21.122
178	8	Frontier Substation	4236	226	20.686
179	47	Flat Top Substation	26P02	71	20.592
180	245	South Shore Substation	1194	2089	20.475
181	172	Pecos Main Substation	12P362	1066	20.466
182	124	League City Main Substation	1285	1233	20.464
183	80	Jones Street Substation	1412	504	20.405
184	163	Lake Whitney Substation	1230	510	20.259
185	211	South Substation	1104	3511	20.038
186	96	South Substation	1108	1935	19.201
187	118	Angleton Substation	1153	2483	18.299
188	68	Petrolia Substation	12260	842	17.846
189	227	Lone Oak Substation	13384	378	17.159
190	87	Lone Oak Substation	13388	468	16.205
191	213	Alvin Substation	1254	1841	15.948
192	187	South Shore Substation	1191	1864	15.794
193	276	West Substation	1201	708	15.763
194	215	Meridian Substation	23205	348	15.316
195	183	Whitewright Substation	12574	307	14.235
196	55	Gatesville #2 Substation	426	456	13.974
197	75	Worsham Field Substation	13P97	95	13.916
198	173	Heights Substation	1222	577	13.289
199	266	Thurber Substation	22890	420	12.840

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
200	218	South Substation	1107	1329	12.806
201	6	Farmersville West Substation	23568	525	12.792
202	204	South Shore Substation	1196	1492	12.268
203	223	Brazoria Substation	1290	950	11.923
204	73	Stafford Substation	12P83	562	11.781
205	234	Hico City Substation	395	534	10.991
206	102	Tejas Substation	1212	246	9.923
207	110	Gatesville #2 Substation	23065	517	9.779
208	134	League City Main Substation	1280	1484	9.486
209	252	Butler Road Substation	1436	3329	9.300
210	62	Lakepointe Substation	2512	2612	9.289
211	66	La Marque Substation	1203	429	9.275
212	22	Lakepointe Substation	2544	802	8.315
213	148	Friendswood Substation	1107	1789	8.199
214	166	Gatesville #2 Substation	22725	468	8.188
215	119	Sanderson Substation	4S28	280	8.064
216	153	Freeway Park Substation	1297	968	7.789
217	127	Kermit #1 Substation	4K04	493	7.527
218	105	Longneck Substation	23130	1961	7.439
219	77	West Substation	1221	1936	7.354
220	248	Nocona Substation	12490	307	7.238
221	210	West Substation	1202	995	7.122
222	275	Butler Road Substation	1437	897	6.994
223	221	Hamilton City Substation	22780	661	6.694
224	286	Lakepointe Substation	2516	898	6.528
225	3	Pyote Substation	25P217	98	6.367
226	98	Hamilton City Substation	23825	328	6.271
227	122	Kermit #2 Substation	4K06	213	6.066
228	44	Olney Substation	1690	422	6.000
229	171	Jones Street Substation	1413	83	5.735
230	233	Magnolia Substation	1146	2795	5.660
231	265	16th Street Substation	12F71	1132	5.626
232	219	West Substation	1222	1434	5.558
233	37	Pecos Main Substation	12P02	1127	5.539

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
234	243	South Substation	1102	1494	5.479
235	11	Westminster Substation	15800	127	5.409
236	222	Kermit #2 Substation	4K07	336	4.818
237	158	Handley Substation	22825	484	4.541
238	145	Meridian Substation	690	247	4.267
239	144	Walnut Springs Substation	2215	126	4.222
240	228	South Substation	1109	810	4.217
241	111	South Shore Substation	1190	2256	4.035
242	283	West Substation	1203	909	3.702
243	115	Kermit #1 Substation	4K03	249	3.687
244	269	Sanderson Substation	4S27	101	3.505
245	129	Jones Street Substation	1411	1814	3.327
246	176	League City Main Substation	1012	948	3.073
247	257	Downtown 12.5KV Substation	12F114	624	2.885
248	2	Whitewright Substation	12573	190	2.826
249	155	Cochise Substation	25P48	240	2.767
250	212	Hamilton County Substation	24015	623	2.506
251	272	West Substation	1233	586	2.311
252	38	Whitewright Substation	12698	981	2.217
253	209	Texas Instruments Substation	1032	3623	2.212
254	267	Hamilton City Substation	23820	201	2.090
255	57	Saint Jo Substation	15757	396	1.997
256	90	Whitney #2 Substation	22465	380	1.976
257	261	West Substation	1234	1495	1.864
258	255	Whitewright Substation	13563	351	1.658
259	263	Gatesville #2 Substation	429	429	1.571
260	282	16th Street Substation	13F14	340	1.324
261	201	Texas Instruments Substation	1013	1830	1.294
262	74	Westminster Substation	15804	409	1.215
263	264	Downtown 12.5KV Substation	12F130	1040	1.072
264	237	Clifton #2 Substation	4165	315	1.016
265	241	Lakepointe Substation	2536	1517	0.991
266	291	Clifton #1 4KV Substation	405	219	0.826
267	236	Sanderson Substation	4S26	234	0.769

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
268	251	Clifton #1 4KV Substation	407	142	0.648
269	193	Clifton #1 22KV Substation	22495	337	0.608
270	289	Meridian Substation	680	301	0.498
271	156	Leonard Substation	12682	248	0.290
272	26	Airport Substation	12F44	909	0.215
273	150	Stafford Substation	12P99	307	0.212
274	170	Magnolia Substation	1144	1390	0.141
275	36	Airport Substation	12F725	784	0.048
276	274	Stafford Substation	12P50	316	
277	242	16th Street Substation	12F72	464	
278		Gatesville #1 Substation	413		
279	292	Talco West Substation	22237	31	
280	273	Trenton Substation	4120	211	
281		Walnut Springs Substation	1270		
282		Gatesville #1 Substation	419		
283		Gatesville #1 Substation	422		
284	278	Puckett Substation	25F14	53	
285	270	Clifton #2 Substation	23165	87	
286	229	Belding Substation	12F161	40	
287	281	Belding Substation	12F164	19	
288	284	Lakepointe Substation	2524	1203	
289	287	Whitney #2 Substation	22460	524	
290	277	Puckett Substation	25F18	33	
291	247	Downtown 12.5KV Substation	12F520	365	
292	280	Gomez Substation	25F05	25	
293	279	Gomez Substation	25F61	18	
294	159	Kermit #1 Substation	4K02	230	
295		Lake Whitney Substation	12335		
296	174	Clifton #1 22KV Substation	22485	106	
297		Lake Whitney Substation	1200		
298	232	Magnolia Substation	1150	735	

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

298

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
1	102	Pyote Substation	25P312	183	5.656
2	38	California Substation	12K87	58	5.638
3	2	Reeves County #4 Substation	13P37	231	4.203
4	65	Krugerville Substation	2604	2329	3.842
5	130	Lakepointe Substation	2508	468	2.739
6	224	Old Ocean Substation	1262	455	2.462
7	139	Sweeny Substation	1129	694	2.425
8	23	League City Main Substation	1284	3002	2.414
9	52	Dickinson Substation	1272	1418	2.409
10	1	Winkler County #6 Substation	25K11	42	2.310
11	103	Clifton #1 22KV Substation	22480	136	2.191
12	252	Old Ocean Substation	1260	58	2.172
13	117	Kermit #2 Substation	12K48	597	2.151
14	222	Kermit #2 Substation	12K98	308	2.097
15	122	Sweeny Substation	1128	1428	2.082
16	14	Nocona Substation	13374	633	2.066
17	17	California Substation	12K86	31	2.065
18	96	Texas Instruments Substation	1033	2283	2.039
19	67	Kermit #1 Substation	4K05	181	2.022
20	50	Alvin Substation	1230	2079	2.019
21	13	Whitney Substation	22455	672	2.001
22	290	Sycamore Substation	24100	30	2.000
23	129	Angleton Substation	1155	1159	1.978
24	42	Dickinson Substation	1279	2874	1.961
25	12	Alvin Substation	1117	1178	1.887
26	160	Graham Substation	12605	128	1.883
27	100	West Columbia Local Substation	1234	1127	1.880
28	41	Thurber Substation	1490	782	1.850
29	220	Climax Substation	22110	1083	1.849

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
30	132	Blossom Substation	2203	1389	1.737
31	231	Sweeny Substation	1263	522	1.707
32	7	Stafford Substation	13P50	344	1.703
33	69	Lone Star Substation	25P171	61	1.689
34	11	Alvin Substation	1259	751	1.683
35	55	Whitney Substation	22450	518	1.662
36	170	South Bend Substation	1300	154	1.630
37	80	La Marque Substation	1205	991	1.626
38	39	Alvin Substation	1257	2013	1.604
39	135	Emory Substation (ONCOR)	1201	932	1.547
40	178	Freeway Park Substation	1299	789	1.534
41	128	Lone Star Substation	25P174	36	1.472
42	145	Deport Substation (ONCOR)	22164	572	1.453
43	86	Coryell County Substation	22160	74	1.432
44	51	Pecos Main Substation	12P03	549	1.426
45	186	Bryson Substation	1230	422	1.396
46	157	Leonard Substation	12678	517	1.333
47	181	Longneck Substation	23126	1324	1.328
48	251	West Columbia Local Substation	1237	788	1.313
49	247	Nocona Substation	13610	716	1.281
50	89	Hamilton County Substation	2345	225	1.267
51	111	Walnut Springs Substation	2210	449	1.252
52	143	Friendswood Substation	1251	1804	1.249
53	108	Brazoria Substation	1291	634	1.249
54	179	Angleton Substation	1154	1870	1.246
55	167	Seminole Substation	1402	1508	1.245
56	248	Tejas Substation	1214	546	1.242
57	83	Freeway Park Substation	1102	1592	1.229
58	74	Northside Substation	1293	605	1.218
59	3	Olney Substation	1695	569	1.214
60	57	Freeway Park Substation	1101	1583	1.185
61	88	Red River Substation	2262	72	1.181
62	9	Coryell County Substation	22365	1016	1.172
63		Climax Substation	2234	12	1.167

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
64	255	Seminole Substation	1403	1124	1.165
65	242	Valley Mills Substation	22575	677	1.161
66	209	Heights Substation	1224	1551	1.155
67	40	Alvin Substation	1115	2167	1.148
68	229	Clifton #2 Substation	24370	224	1.147
69	8	Tejas Substation	1217	146	1.144
70	98	Pecos Main Substation	12P366	323	1.133
71	180	Leonard Substation	14631	461	1.132
72	256	Coryell County Substation	22155	860	1.130
73	191	Friendswood Substation	1252	1706	1.124
74	37	Worsham Field Substation	13P98	73	1.123
75	202	Lake Whitney Substation	12355	873	1.117
76	172	West Substation	1235	1603	1.115
77	218	West Substation	1223	2393	1.111
78	204	Saint Jo Substation	15761	217	1.111
79	162	Freeway Park Substation	1103	1295	1.103
80	243	Seminole Substation	1404	1881	1.087
81	201	Walnut Springs Substation	25925	47	1.085
82	285	Clifton #2 Substation	4160	496	1.085
83	19	South Substation	1103	1647	1.079
84	68	Friendswood Substation	1108	1760	1.074
85	138	South Substation	1108	1935	1.057
86	217	Valley Mills Substation	22570	459	1.033
87	271	Texas Instruments Substation	1012	1421	1.030
88	30	Lakepointe Substation	2540	563	1.020
89	91	West Columbia Local Substation	1233	1035	1.010
90	87	Cochise Substation	25P47	51	1.000
91	149	Angleton Substation	1241	1575	0.916
92	175	Angleton Substation	1243	305	0.898
93	70	Blossom Substation	2207	120	0.850
94	241	Glen Rose Substation	23875	889	0.808
95	22	Tejas Substation	1215	1324	0.804
96	109	West Columbia Local Substation	1235	716	0.799
97	114	South Shore Substation	1192	1734	0.795

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
98	147	Flat Top Substation	26P03	82	0.780
99	54	Flat Top Substation	26P01	175	0.771
100	31	Reeves County #4 Substation	12P28	135	0.756
101	156	Glen Rose Substation	22300	1173	0.751
102	44	La Marque Substation	1202	986	0.733
103	5	Sycamore Substation	24105	150	0.721
104	71	Wickett Substation	12K446	36	0.694
105	106	IH-20 Substation	12P563	212	0.679
106	118	Red River Substation	2229	360	0.678
107	161	Thurber Substation	1447	613	0.656
108	45	Olney Substation	1685	452	0.635
109	120	Glen Rose Substation	22305	303	0.620
110	205	Wickett Substation	12K449	216	0.620
111	146	Brazoria Substation	1270	949	0.608
112	144	La Marque Substation	1201	866	0.598
113	104	Glen Rose Substation	22285	408	0.596
114	18	Angleton Substation	1240	2506	0.568
115	35	Angleton Substation	1244	1249	0.561
116	159	Dickinson Substation	1266	620	0.550
117	119	Tolar Substation	25860	568	0.546
118	194	Meridian Substation	23210	828	0.536
119	59	Dickinson Substation	1274	2311	0.535
120	206	Hamilton County Substation	2340	143	0.531
121	188	Angleton Substation	1242	528	0.523
122	72	Sweeny Substation	1264	1336	0.490
123	184	Krugerville Substation	2608	2143	0.489
124	107	League City Main Substation	1011	195	0.472
125	168	Graham Substation	1245	140	0.464
126	190	Blue Ridge Substation	22700	509	0.458
127	207	Hill County Substation	22125	480	0.456
128	27	Nocona Substation	12486	154	0.455
129	199	League City Main Substation	1010	1023	0.446
130	56	Northside Substation	1295	2246	0.445
131	153	Dickinson Substation	1277	1507	0.440

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
132	26	Northside Substation	1294	1032	0.435
133	208	Leonard Substation	14635	509	0.430
134	115	Nocona Substation	13370	700	0.413
135	95	Walnut Springs Substation	2200	396	0.409
136	203	La Marque Substation	1110	332	0.407
137	169	Northside Substation	1228	1418	0.406
138	134	Friendswood Substation	1109	1489	0.402
139	154	League City Main Substation	1283	2252	0.375
140	239	Bryson Substation	1233	182	0.374
141	260	Hico City Substation	390	266	0.368
142	123	Old Ocean Substation	1261	185	0.368
143	286	League City Main Substation	1281	650	0.365
144	16	IH-20 Substation	12P566	50	0.360
145	53	Cochise Substation	12P638	56	0.357
146	262	Handley Substation	22820	68	0.353
147	185	Angleton Substation	1245	901	0.350
148	136	Alvin Substation	1232	1232	0.344
149	43	Alvin Substation	1116	1903	0.344
150	230	Hamilton City Substation	22785	366	0.342
151	163	Heights Substation	1132	2178	0.335
152	183	League City Main Substation	1282	2045	0.334
153	121	Brazoria Substation	1271	1695	0.329
154	141	Northside Substation	1292	714	0.322
155	110	Red River Substation	2252	1138	0.315
156	198	Stafford Substation	12P82	319	0.310
157	82	Alvin Substation	1231	2033	0.301
158	20	Glen Rose Substation	22295	797	0.294
159	15	La Marque Substation	1204	1588	0.287
160	219	Alvin Substation	1254	1841	0.285
161	133	Lake Whitney Substation	1230	510	0.278
162	25	Keystone Substation	12K434	47	0.277
163	66	Angleton Substation	1153	2483	0.263
164	214	Jones Street Substation	1431	922	0.260
165	81	Magnolia Substation	1145	402	0.256

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
166	165	League City Main Substation	1285	1233	0.253
167	253	Valley Mills Substation	22565	436	0.252
168	116	Keystone Substation	12K437	723	0.248
169	21	Airport Substation	12F271	110	0.245
170	131	Jones Street Substation	1433	1039	0.243
171	152	Hill County Substation	23340	604	0.242
172	112	Cochise Substation	12P637	42	0.238
173	196	Freeway Park Substation	1298	2109	0.229
174	63	Friendswood Substation	1253	865	0.227
175	210	Lone Oak Substation	13384	378	0.225
176	49	Gatesville #2 Substation	426	456	0.219
177	29	Stafford Substation	12P83	562	0.208
178	193	Pecos Main Substation	12P362	1066	0.206
179	213	Meridian Substation	23205	348	0.198
180	246	South Shore Substation	1194	2089	0.184
181	76	Kermit #1 Substation	4K04	493	0.181
182	101	South Shore Substation	1195	1204	0.179
183	171	Magnolia Substation	1148	2242	0.177
184	140	Magnolia Substation	1149	1591	0.171
185	85	Flat Top Substation	26P02	71	0.169
186	73	Heights Substation	1134	877	0.164
187	6	Farmersville West Substation	23568	525	0.164
188	142	Gatesville #2 Substation	22725	468	0.160
189	195	South Shore Substation	1191	1864	0.159
190	127	Lone Oak Substation	13388	468	0.156
191	261	Thurber Substation	22890	420	0.155
192	58	Dickinson Substation	1267	2011	0.150
193	215	Brazoria Substation	1290	950	0.145
194	75	Jones Street Substation	1412	504	0.141
195	211	Whitewright Substation	12574	307	0.140
196	78	Hamilton City Substation	23825	328	0.137
197	90	Whitewright Substation	12575	728	0.129
198	79	Petrolia Substation	12260	842	0.118
199	216	Hamilton City Substation	22780	661	0.112

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
200	273	Butler Road Substation	1437	897	0.108
201	221	Pecos Main Substation	12P01	227	0.106
202	266	16th Street Substation	12F71	1132	0.105
203	84	League City Main Substation	1280	1484	0.104
204	258	Sanderson Substation	4S27	101	0.099
205	189	Heights Substation	1222	577	0.097
206	244	Butler Road Substation	1436	3329	0.097
207	126	Sanderson Substation	4S28	280	0.096
208	232	South Substation	1107	1329	0.096
209	36	Lakepointe Substation	2512	2612	0.094
210	113	La Marque Substation	1203	429	0.089
211	158	Friendswood Substation	1107	1789	0.087
212	237	South Substation	1104	3511	0.083
213	10	W.D. Faulkner Substation	12P259	133	0.083
214	64	Pecos Main Substation	12P02	1127	0.082
215	124	Gatesville #2 Substation	23065	517	0.079
216	240	Nocona Substation	12490	307	0.078
217	93	Tejas Substation	1212	246	0.077
218	47	Kermit #1 Substation	4K03	249	0.076
219	228	Hico City Substation	395	534	0.075
220	46	Worsham Field Substation	13P97	95	0.074
221	151	West Substation	1221	1936	0.071
222	275	West Substation	1201	708	0.071
223	192	South Shore Substation	1196	1492	0.070
224	234	West Substation	1202	995	0.069
225	236	West Substation	1222	1434	0.063
226	77	Freeway Park Substation	1297	968	0.063
227	48	Longneck Substation	23130	1961	0.063
228	182	Handley Substation	22825	484	0.060
229	24	Olney Substation	1690	422	0.059
230	137	Walnut Springs Substation	2215	126	0.056
231	32	Frontier Substation	4236	226	0.049
232	99	Meridian Substation	690	247	0.049
233	245	Downtown 12.5KV Substation	12F114	624	0.048

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
234	34	Westminster Substation	15800	127	0.047
235	148	Kermit #2 Substation	4K06	213	0.042
236	33	Pyote Substation	25P217	98	0.041
237	94	South Shore Substation	1190	2256	0.041
238	4	Lakepointe Substation	2544	802	0.040
239	288	Lakepointe Substation	2516	898	0.038
240	235	Magnolia Substation	1146	2795	0.034
241	276	West Substation	1233	586	0.031
242	226	Kermit #2 Substation	4K07	336	0.030
243	270	West Substation	1234	1495	0.029
244	155	League City Main Substation	1012	948	0.028
245	60	Whitney #2 Substation	22465	380	0.026
246	225	Hamilton County Substation	24015	623	0.026
247	257	Sanderson Substation	4S26	234	0.026
248	61	Saint Jo Substation	15757	396	0.025
249	268	Hamilton City Substation	23820	201	0.025
250	284	West Substation	1203	909	0.024
251	164	Jones Street Substation	1413	83	0.024
252	176	Jones Street Substation	1411	1814	0.022
253	125	Whitewright Substation	12698	981	0.021
254	269	Downtown 12.5KV Substation	12F130	1040	0.021
255	28	Whitewright Substation	12573	190	0.021
256	277	Clifton #1 4KV Substation	405	219	0.018
257	197	Cochise Substation	25P48	240	0.017
258	265	Gatesville #2 Substation	429	429	0.016
259	233	South Substation	1109	810	0.016
260	212	Texas Instruments Substation	1032	3623	0.016
261	254	South Substation	1102	1494	0.015
262	105	Clifton #1 22KV Substation	22495	337	0.015
263	173	Westminster Substation	15804	409	0.012
264	200	Texas Instruments Substation	1013	1830	0.011
265	263	Whitewright Substation	13563	351	0.009
266	250	Lakepointe Substation	2536	1517	0.007
267	264	Clifton #1 4KV Substation	407	142	0.007

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
268	291	Meridian Substation	680	301	0.007
269	259	Clifton #2 Substation	4165	315	0.006
270	177	Leonard Substation	12682	248	0.004
271	62	Airport Substation	12F44	909	0.003
272	166	Stafford Substation	12P99	307	0.003
273	292	16th Street Substation	13F14	340	0.003
274	150	Magnolia Substation	1144	1390	0.002
275	97	Airport Substation	12F725	784	0.001
276	238	Belding Substation	12F161	40	
277	282	Belding Substation	12F164	19	
278	281	Gomez Substation	25F05	25	
279	223	Magnolia Substation	1150	735	
280	227	16th Street Substation	12F72	464	
281	249	Downtown 12.5KV Substation	12F520	365	
282	274	Trenton Substation	4120	211	
283	283	Talco West Substation	22237	31	
284	280	Gomez Substation	25F61	18	
285	92	Kermit #1 Substation	4K02	230	
286	287	Lakepointe Substation	2524	1203	
287	278	Puckett Substation	25F18	33	
288	174	Clifton #1 22KV Substation	22485	106	
289	272	Stafford Substation	12P50	316	
290	289	Whitney #2 Substation	22460	524	
291		Walnut Springs Substation	1270		
292		Lake Whitney Substation	12335		
293		Lake Whitney Substation	1200		
294		Gatesville #1 Substation	422		
295		Gatesville #1 Substation	419		
296		Gatesville #1 Substation	413		
297	267	Clifton #2 Substation	23165	87	
298	279	Puckett Substation	25F14	53	

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TEXAS-NEW MEXICO POWER COMPANY

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2018 Reporting Year

Causes of Forced Interruptions	Percentage
UTILITY-OWNED EQUIPMENT	26.8%
VEGETATION	25.2%
WEATHER	22.1%
ANIMALS AND BIRDS	13.8%
UNKNOWN	7.3%
PEOPLE	3.4%
OTHER	1.3%
TOTAL	100%